

Attorney Docket No.: TH1778 (US)
A Named Inventor/Application Identifier: Steven E. Brewer, Zaida Diaz, Joseph B. Powell,
Paul R. Weider, Glenn C. Komplin, and Robert L. Blackburn
Express Mail Label No.: EV325949253 US
Title: METHOD FOR REMOVAL OF MW176 CYCLIC ACETAL FORMED DURING THE
PRODUCTION OF 1,3-PROPANEDIOL
Date: October 1, 2003

UTILITY PATENT APPLICATION TRANSMITTAL
UNDER 37 CFR 1.53(b)

Commissioner for Patents
Box Patent Applications
P. O. Box 1450
Alexandria, VA 22313-1450

1. ☒ This application is a(n):
 - a. ☒ Original
 - b. ☐ Continuation-in-part of Application Serial No. _____ filed _____
 - c. ☐ Divisional of Application Serial No. _____ filed _____
☐ Applicant(s) elect the invention of Group/Species _____
 - d. ☐ Continuation of Application Serial No. _____ filed _____
2. ☒ Specification
 - a. ☒ Pages 23
 - b. ☒ Drawings, Total sheets 1
3. ☒ Oath or Declaration
 - a. ☒ Newly executed (original or copy)
 - b. ☐ Copy from a prior application
☐ Please delete the following named inventors in the prior application: _____
4. ☒ Please amend the specification
 - a. ☐ By inserting before the first line:
This is a ☐ continuation ☐ division ☐ continuation-in-part of
Application Serial No. _____ filed _____, the entire
disclosure of which is hereby incorporated by reference
 - b. ☒ By inserting before the first line:
This application claims the benefit of U.S. Provisional Application No.
60/423,140 filed November 1, 2002, the entire disclosure of which is
hereby incorporated by reference
 - c. ☐ Cancel claims _____
5. ☐ This application claims the benefit of Application Number _____ filed on
_____ in _____ under 35 U.S.C. § 119, § 365(a), or
§ 365(b). (For originals)
6. ☐ Microfiche Computer Program (Appendix)
7. ☐ Recognize as an associate attorney _____, Registration No. _____

8. ☒ Address all future communications to:

Donald F. Haas
Shell Oil Company
Legal – Intellectual Property
P. O. Box 2463
Houston, Texas 77252-2463

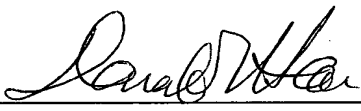
9. ☒ Fee Transmittal (duplicate enclosed)

(1) FOR	(2) NUMBER FILED	(3) NUMBER EXTRA	(4) RATE	(5) CALCULATIONS
TOTAL CLAIMS (37 CFR 1.16(c))	15 - 20 =	0	X \$18.00 =	0
INDEPENDENT CLAIMS (37 CFR 1.16(b))	9 - 3 =	6	X \$86.00 =	\$516.00
MULTIPLE DEPENDENT CLAIMS (if applicable) (37 CFR 1.16(d))		0	+ \$290.00 =	0
			BASIC FEE (37 CFR 1.16(a))	\$770.00
			Total of above Calculations =	516.00
			TOTAL =	\$1286.00

10. ☒ Please charge Deposit Account No. 19-1800 in the amount of \$1286.00.
11. ☒ The Assistant Commissioner is authorized to charge all additional required fees or to credit overpayments, to Deposit Account No. 19-1800, including fees required under 37 CFR 1.17
12. ☒ Accompanying Application Parts
- a. ☒ Recordal of Assignment and Assignment
 - b. ☒ Information Disclosure Statement/PTO-1449
 - c. ☐ Preliminary Amendment
 - d. ☒ A self-addressed, stamped return receipt postcard to be returned with the filing date and Serial No. thereon
 - e. ☐ Certified copy of priority documents

Respectfully submitted,

STEVEN E. BREWER, ZAIDA DIAZ,
JOSEPH B. POWELL, PAUL R. WEIDER,
GLENN C. KOMPLIN, and
ROBERT L. BLACKBOURN

By 
Their Attorney, Donald F. Haas
Registration No. 26,177
(713) 241-3356

P. O. Box 2463
Houston, Texas 77252-2463